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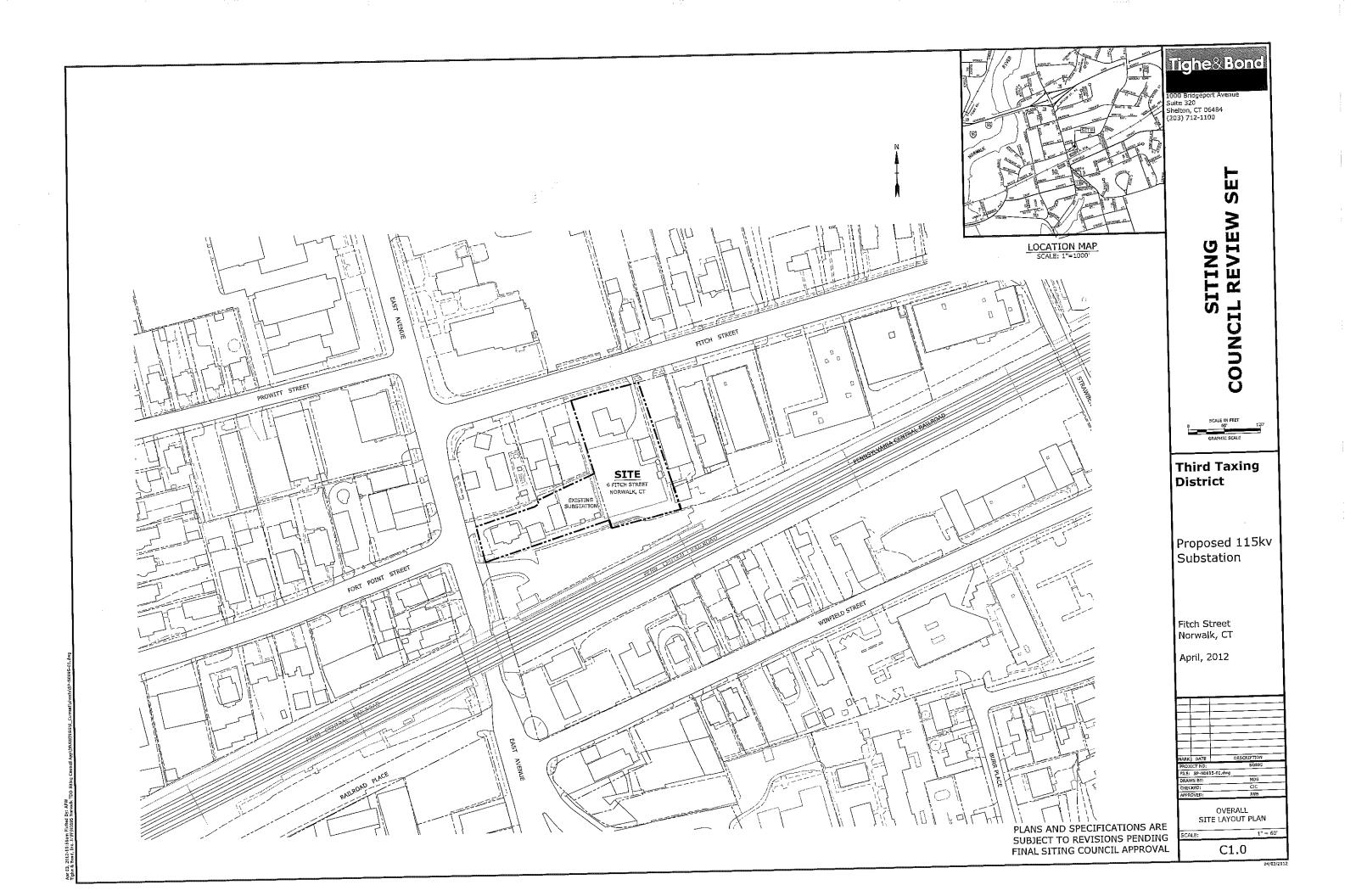
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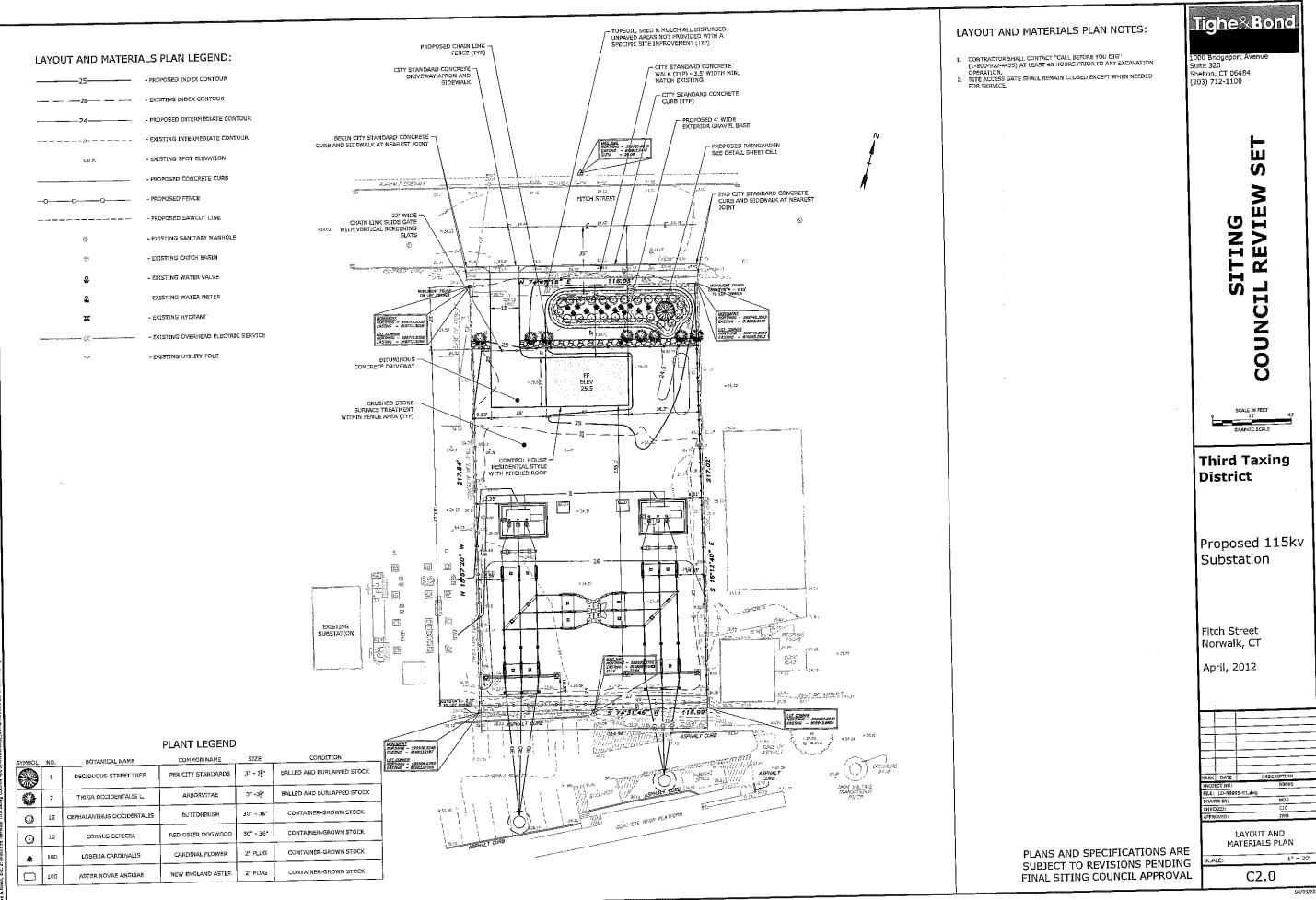
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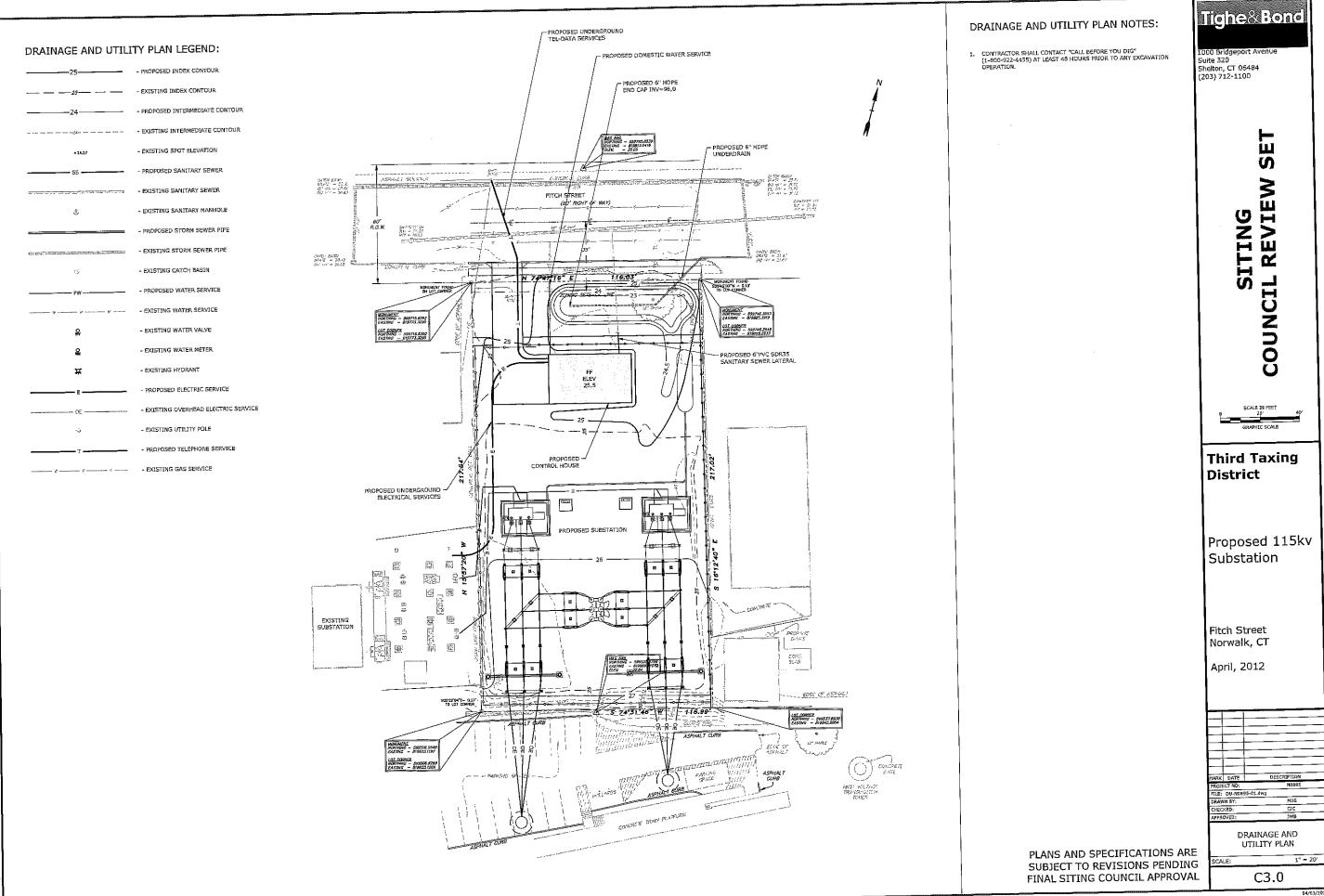
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APPENDIX A

FITCH STREET SUBSTATION SITE LAYOUT & EROSION AND SEDIMENT CONTROL PLAN







SEDIMENTATION AND EROSION CONTROL PLAN LEGEND:

-0-0-0-0-0- - PROPOSED SILT FENCE

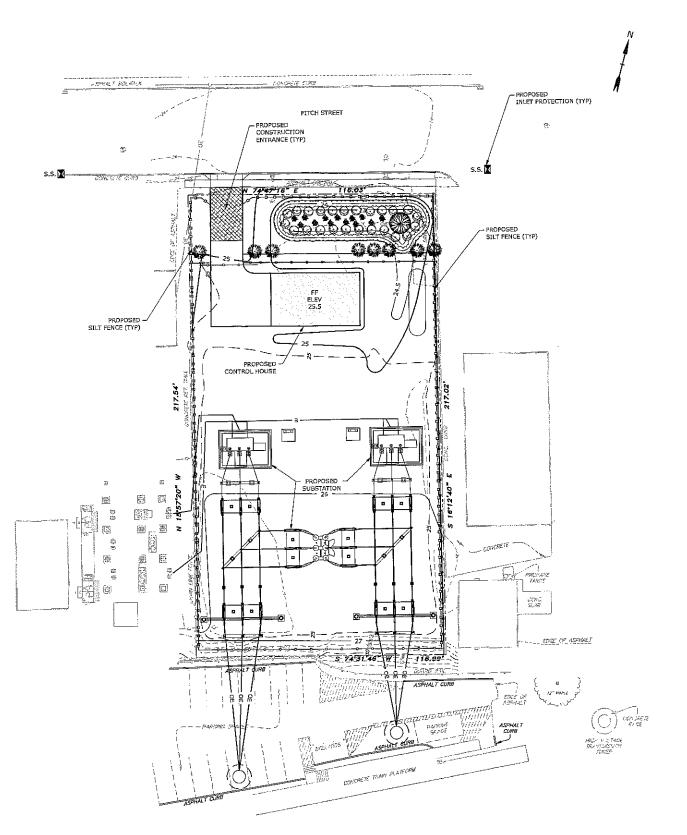
s.s. - PROPOSED SILT SACK

- PROPOSED HAYBALE RING

- PROPOSED CONSTRUCTION FENCE GATE

- PROPOSED HAYBALE BARRIER

- PROPOSED CONSTRUCTION ENTRANCE



SEDIMENTATION AND EROSION CONTROL PLAN NOTES:

- CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" (1-800-922-4455) AT LEAST 4B HOURS PRIOR TO ANY EXCAVATION OPERATION.
- ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" DEP BULLETIN NO 34, AND ALL AMENDMENTS AND ADDENDA THERETO AS PUBLISHED BY THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION.
- LAND DISTURBANCE SHALL BE KEPT TO THE MINIMUM NECESSARY FOR CONSTRUCTION.
- ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND ELSEWHERE AS ORDERED BY THE OWNER'S REPRESENTATIVE, THE CITY OR THE OWNER.
- 5. ALL CATCH BASINS SHALL BE PROTECTED WITH SILT SACKS, HAYBALE RING, SULT FENCE OR BLOCK AND STONE INLET PROTECTION THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
- WHEREVER POSSIBLE, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION.
- ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING CONSTRUCTION PERIOD AS ORDERED BY THE OWNER'S REPRESENTATIVE, THE CITY OF NORWALK, OR THE OWNER.
- 8. ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
- 9. SEDIMENT REMOVED SHALL BE DISPOSED OF LEGALLY OFFSITE.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
- 11. THE CONTRACTOR SHALL MAINTAIN A SUPPLY OF SILT FENCE/HAYBALES AND ANTI-TRACKING CRUSHED STONE ON-SITE FOR EMERGENCY REPAIRS.
- 12. THE CONTRACTOR SHALL UTILIZE APPROVED METHODS/MATERIALS FOR PREVENTING THE BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES ONTO ADJACENT PROPERTIES AND SITE AREAS.
- ALL DRAINAGE STRUCTURES SHALL BE INSPECTED WEEKLY BY THE CONTRACTOR AND CLEANED TO PREVENT THE BUILD-UP OF SILT.
- 14. THE CONTRACTOR SHALL CAREFULLY COORDINATE THE PLACEMENT OF EROSION CONTROL MEASURES WITH THE PHASING OF CONSTRUCTION.
- 15. KEEP ALL PAVED ROADWAYS CLEAN, SWEEP BEFORE FORECASTED STORMS OR WEEKLY AS NECESSARY.
- TREAT ALL UNPAYED SURFACES WITH 4" MINIMUM OF TOPSOIL AND SEEDING PRIOR TO FINAL STABILIZATION.
- HAYBALE BARRIERS AND SILT FENCING SHALL BE INSTALLED ALONG THE TOE OF CRITICAL CUT AND FILL SLOPES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- 18. ALL TRUCKS LEAVING THE SITE MUST BE COVERED.
- 19. DISTURBED SLOPES SHALL BE TREATED WITH AN EROSION CONTROL SLURRY CONSISTING OF A MIXTURE OF WOOD FIERER MULCH, PLANT SEED AND 3 GALLONS/ACED OF SILT STOP 640 LIQUID FLOCCULENT. THE FLOCCULENT IS PROVIDED BY HYDROGRASS TECHNOLOGIES, OXFORD MASSACHUSEITS.
- 21. ALL SEDIMENTATION AND ERDSION CONTROLS SHALL BE CHECKED WEEKLY AND AFTER EACH PAINFALL EVENT. NECESSARY REPAIRS SHALL BE MADE WITHOUT DELAY.
- PRIOR TO ANY FORECASTED RAINFALL, EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED AND REPAIRED AS NECESSARY.
- AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, EROSION
 CONTROLS MAY BE REMOVED ONCE AUTHORIZATION TO DO SO HAS BEEN
 SECURED FROM THE CITY OF NORWALK. DISTURBED AREAS SHALL BE
 SEEDED AND MULCHED.
- 24. REFER TO SHEET C5.0 FOR EROSION & SEDIMENTATION CONTROL NOTES, NARRATIVE AND DETAILS.

1000 Bridgeport Avenue Suite 320 Shelton, CT 06484 (203) 712-1100

SITING COUNCIL REVIEW SE

Third Taxing

District

Proposed 115kv Substation

Fitch Street Norwalk, CT

April, 2012

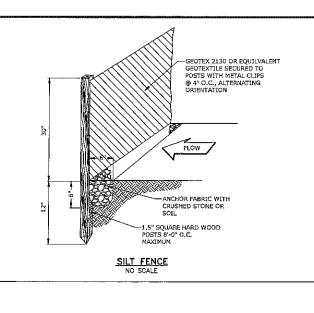
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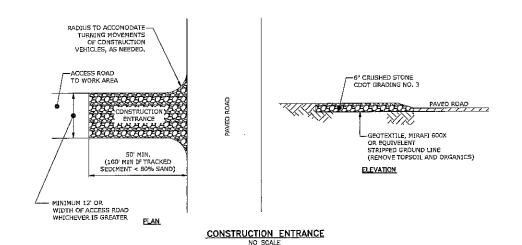
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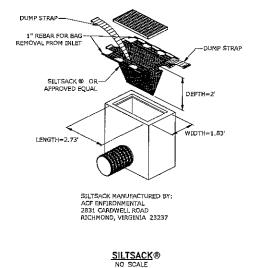
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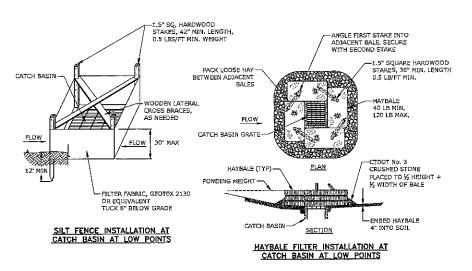
PLANS AND SPECIFICATIONS ARE SUBJECT TO REVISIONS PENDING FINAL SITING COUNCIL APPROVAL

1" = 20'

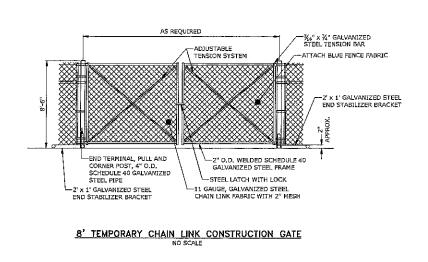


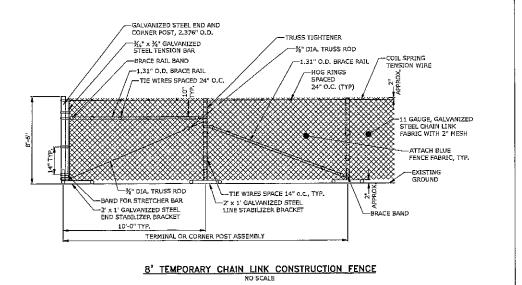






CATCH BASIN EROSION CONTROL
NO SCALE





SEDIMENTATION AND EROSION NARRATIVE:

1. THE THIRD TAXING DISTRICT IS PROPOSING TO CONSTRUCTION A
115/27.5KY SUBSTATION ON A 0.58 ACRE PARCEL ON 6 FITCH STREET IN
NORWALK, CONNECTICUT. THE PROPOSED CONSTRUCTION INCLUDES A
NEW SUBSTATIONS, UTILITY POLE, OVERHEAD WIRES, A CONTROL
HOUSE, CHAIN LINK SECURITY FENCING, DIREWAY, LANDSCAPING AND
GRAVEL SURFACE TREATMENT. IN ADDITION, THE PROPOSED PROJECT
INCLUDES THE INSTALLATION OF THE PROPOSED CONTROL BUILDING
UTILITIES INCLUDING ELECTRICAL AND TEL-DATA SERVICES, SANITARY
SEWER LATERAL AND DOMESTIC WATER SERVICE.

DISTURBANCE AND PHASING:

 THE PROJECT IS ANTICIPATED TO BE CONSTRUCTED IN A SINGLE PHASE. THE TOTAL DISTURBED AREA IS 0.58 ACRES.

SEDIMENTATION AND EROSION CONTROL NARRATIVE:

- FLAG THE LIMITS OF CONSTRUCTION NECESSARY TO FACILITATE THE PRECONSTRUCTION MEETING.
- HOLD PRECONSTRUCTION MEETING. (REMEMBER TO CALL BEFORE YOU DIG 1-800-922-4455).
- FLAG REMAINDER OF THE LIMITS OF CONSTRUCTION AND TREE PROTECTION ZONES, SECURE AREAS FROM VEHICULAR TRAFFIC AND PEDESTRIAN ACCESS.
- 4. INSTALL THE CONSTRUCTION ENTRANCE,
- 5. INSTALL PERIMETER EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION DEVICES IN ACCORDANCE WITH THE EROSION AND SEDIMENTATION PLAN.
- CUT TREES WITHIN THE DEFINED CLEARING LIMITS AND REMOVE CUT WOOD. CHIP BRUSH AND SLASH, STOCKPILE CHIPS FOR FUTURE USE OR REMOVE OFF SITE.
- 7. CONSTRUCT TÉMPORARY SETTLING BASINS AND/OR SUMP PITS, AS REQUIRED.
- 8. STRIP AND STOCKPILE ALL TOPSOIL THAT IS WITHIN THE FOOTPRINT OF THE CONSTRUCTION SITE AND REFERENCE STOCKPILE MANAGEMENT FOR EROSION AND SEDIMENT CONTROLS. (SEE 2002 CT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL CHAPTER 4, PART II ON STOCKPILE MANAGEMENT), REMOVE TREE STUMPS TO AN APPROVED DISPOSAL SITE.
- MAKE ALL CUTS AND FILLS REQUIRED, ESTABLISH THE SUBGRADE FOR THE TOPSOIL AREAS, DRIVEWAY AND GRAVEL COMPOUND AS REQUIRED AND BENCH THE CONTROL BUILDING TO A SUBGRADE, ALLOW A REASONABLE AMOUNT OF AREA AROUND THE FOOTPRINT OF THE BUILDING FOR THE CONSTRUCTION ACTIVITIES.
- 10. BEGIN CONSTRUCTION OF THE CONTROL HOUSE AND SUBSTATION.
- 11. PRIOR TO INSTALLING SURFACE WATER CONTROLS SUCH AS TEMPORARY DIVERSIONS AND STONE DIKES, INSPECT EXISTING CONDITIONS TO ENSURE DISCHARGE LOCATIONS ARE STABLE, IF NOT STABLE, REVIEW DISCHARGE CONDITIONS WITH THE DESIGN ENGINEER AND IMPLEMENT ADDITIONAL STABILIZATION MEASURES PRIOR TO INSTALLING WATER SURFACE CONTROLS.
- 12. INSTALL ALL SANITARY SEWER LATERAL, DRAINAGE SYSTEMS, DOMESTIC WATER SERVICE, AND UTILITIES TO WITHIN 5 FEET OF THE CONTROL HOUSE OR AS OTHERWISE MODIFIED BY THE DESIGN ENGINEER TO ADJUST FOR UNFORESEEN SITE CONDITIONS.
- PREPARE SUB-BASE, SLOPES, DRIVEWAY, SUBSTATION COMPOUND, AND ANY OTHER AREA OF DISTURBANCE FOR FINAL GRADING.
- 14. INSTALL PROCESS AGGREGATE IN DRIVEWAY AREA AND GRAVEL SURFACE TREATMENT IN SUBSTATION COMPOUND.
- PLACE TOPSOIL WHERE REQUIRED, COMPLETE THE PERIMETER LANDSCAPE PLANTINGS.
- 16. FINE GRADE, RAKE, SEED AND MULCH.
- 17. UPON SUBSTANTIAL COMPLETION OF THE CONTROL HOUSE COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF ALL OTHER DISTURBED AREAS, INSTALL PAVING.
- 18. WHEN ALL OTHER WORK HAS BEEN COMPLETED, REPAIR AND SWEEP ALL PAVED AREAS, INSPECT THE DRAINAGE SYSTEM AND CLEAN AS NEEDED.
- 19, AFTER SITE IS STABILIZED REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS (E.G. GEOTEXTILE SILT FENCES).

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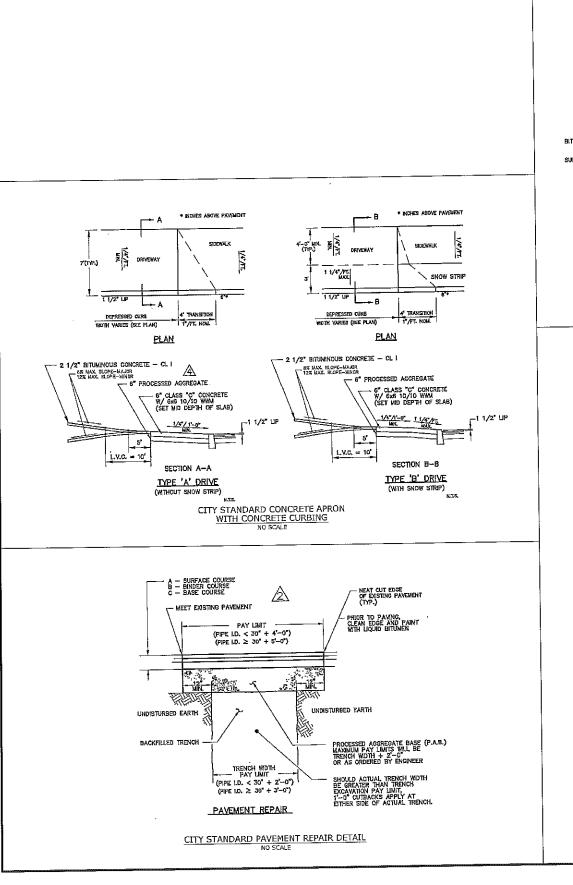
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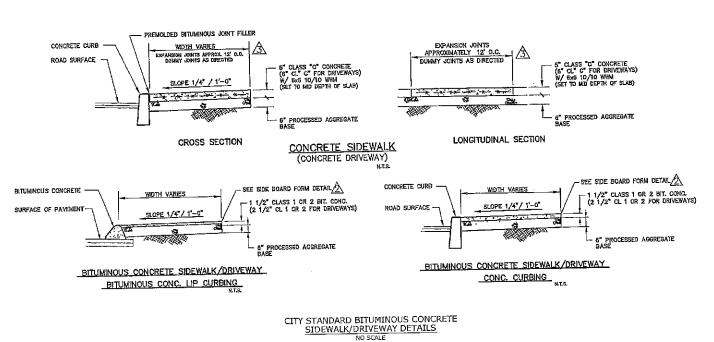


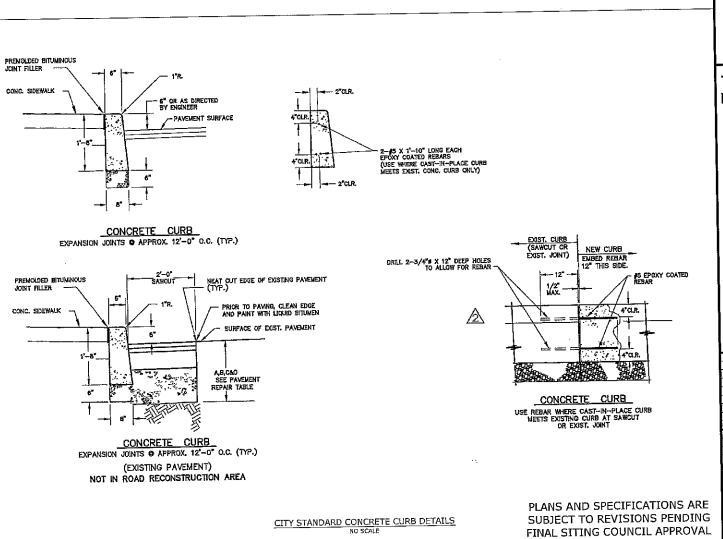
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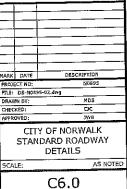
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Third Taxing District

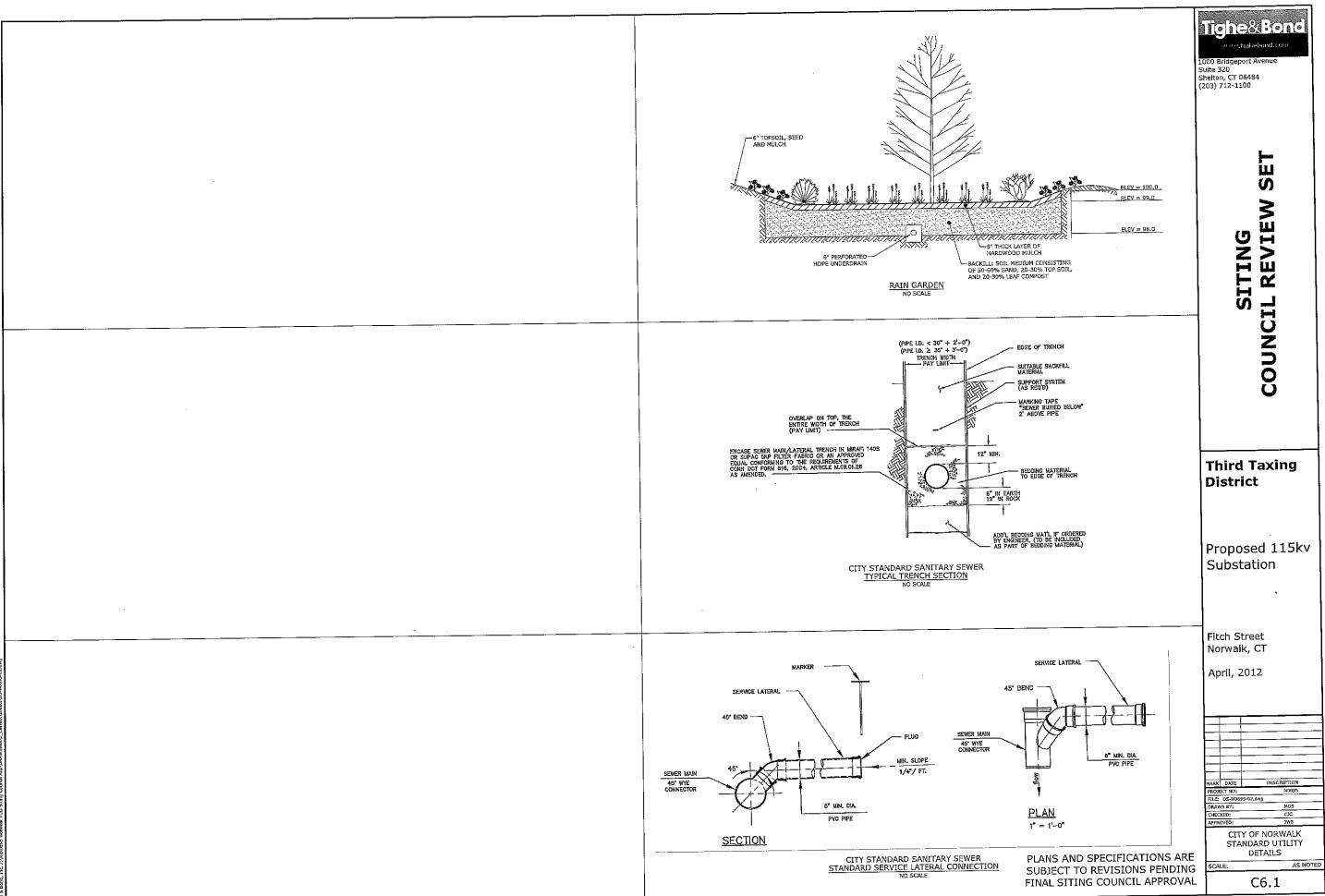
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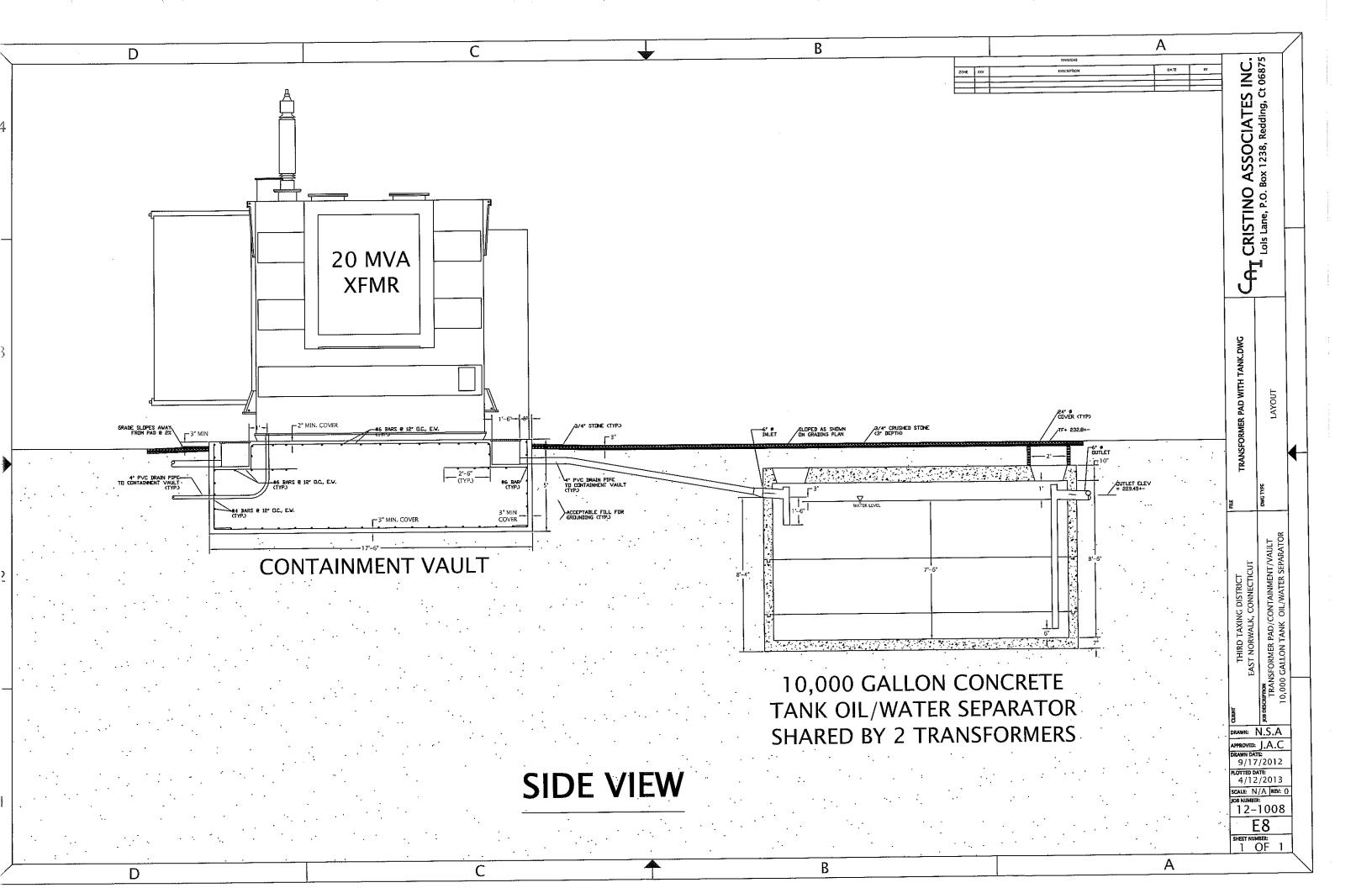
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APPENDIX B SUBSTATION DRAWINGS

